

| <b>Notice of Allowability</b> | Application No.              | Applicant(s)     |
|-------------------------------|------------------------------|------------------|
|                               | 10/775,299                   | MUNSHI ET AL.    |
|                               | Examiner<br>Mackly Monestime | Art Unit<br>2676 |

-- **The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 12/21/04.
2.  The allowed claim(s) is/are 25-29 and 31-42 now renumber 1-17.
3.  The drawings filed on 2/9/04 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

***Reasons for allowance***

The following is an examiner's statement of reasons for allowance:

The prior art of record fail to teach or suggest individually or in combination a method for caching texture data in a memory, wherein the method further comprises the following distinct steps of: storing for the cached portion of the second block of graphics data tags and the second ID number comprises in the event a stored tag for graphics data of the cached portion of the first block of graphics data has the same tag for graphics data of the cached portion of the second block of graphics data, replacing the first ID number associated with the graphics data of the cached portion of the first block of graphics data with the second ID number for the graphics data of the cached portion of the second block of graphics data (as per claim 30). These distinct steps of the present claims invention were not found to be anticipated, suggested or made obvious by the prior art of record, either singularly or in combination.

The prior art of record fail to teach or suggest individually or in combination a method for providing graphics data stored in a memory in response to a request, wherein the method further comprises the following distinct steps of: "comparing the requested tag and value to the stored tags and values; providing the cached block of graphics data corresponding to the tag and value in response to both the requested tag and value matching a stored tag and value; and otherwise, retrieving the graphics data from the memory corresponding to the requested tag and value and providing the same in response to the request" (as per claims 31 and 35); and further failed to disclose: in the event that the requested tag matches one of the stored tags and the requested ID

number does not match the corresponding stored ID number, retrieving a block of graphics data corresponding to the requested tag and ID number, storing the tag and ID number of the retrieved block of graphics data, caching the associated block of graphics data, and providing the retrieved block of graphics data (as per claim 39). These distinct steps of the present claims invention were not found to be anticipated, suggested or made obvious by the prior art of record, either singularly or in combination.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mackly Monestime whose telephone number is (571) 272-7786. The examiner can normally be reached on Monday to Thursday from 7:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bella Matthew, can be reached on (571) 272-7778.

#### **Any response to this action should be mailed to:**

Commissioner of Patent and Trademarks  
Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

~~Mackly Monestime~~  
~~Matthew C. Bella~~  
~~Patent Examiner~~

*Matthew C. Bella*  
MATTHEW C. BELLA  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

April 13, 2005